Product Description

This product is small in size, can be arbitrary bending, colorful, beautiful and cool. Addressable COB LED strip with built-in SK6805 IC.

Using SMD flip chip, high integration, 332 LEDs/Pixels per meter.

0.5 meter can be cut, thicked PCB and 1+2 oz tick copper.

DC5V input, 3Pin JST connectors.

Silicon tube waterproof IP65.
## Product Datasheet

<table>
<thead>
<tr>
<th><strong>Product Number</strong></th>
<th>S010332ZA3SA8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SMD Type</strong></td>
<td>COB</td>
</tr>
<tr>
<td><strong>Beam Angle</strong></td>
<td>120°</td>
</tr>
<tr>
<td><strong>LED Quantity</strong></td>
<td>332 leds/m</td>
</tr>
<tr>
<td><strong>Control</strong></td>
<td>SK6805</td>
</tr>
<tr>
<td><strong>CCT</strong></td>
<td>RGB</td>
</tr>
<tr>
<td><strong>Lumens/m</strong></td>
<td>R:105LM G:285LM B:61LM</td>
</tr>
<tr>
<td><strong>PCB color</strong></td>
<td>White</td>
</tr>
<tr>
<td><strong>Operating Voltage</strong></td>
<td>DC5V</td>
</tr>
<tr>
<td><strong>Power (W)</strong></td>
<td>17W/M</td>
</tr>
<tr>
<td><strong>PCB Size (mm)</strong></td>
<td>L 500* W10</td>
</tr>
<tr>
<td><strong>IP</strong></td>
<td>IP 65</td>
</tr>
<tr>
<td><strong>Net Weight</strong></td>
<td>0.07kg/roll</td>
</tr>
<tr>
<td><strong>Operation Temperature</strong></td>
<td>- 20 ~ 50 °C</td>
</tr>
</tbody>
</table>

## Application

DIY and DIMMABLE: With stronger 3M adhesive, our COB LED strip lights can be reliably installed, idea for kitchen, cabinet, bedroom, stair, mirror, corridor, DIY backlight, table lamp, toy light, mirrors, walls, cabinets and other places that need decoration.

- Hotels, restaurants, nights clubs, edge light
- Recreational machines, playstation
- Living rooms, coffee / wine bars, back lighting
- TV, dancefloor background, shopping malls,
### Strip IP Rate

**Gel coating**

- **IP64**
  - Silicone tube

- **IP65**
  - Silicone LED FPC

**Heat shrinkable tube**

- **IP64**
  - Extrusion filling

- **IP66**
  - Silicone LED FPC

### Product connections

1. Insert each end of led strips into the end of the connection terminal respectively, make sure the metal clip is on the same side as the metal solder pad of led strip.

2. After complete the insert, also make sure both ends of led strip are tightly connected.

3. Press the metal clip down with the appropriate force using pliers to ensure that the metal clip is inserted into the appropriate position and connection completed.
Wiring connections

Insert one end of led strip and wire connector into both ends of the connection terminal respectively to ensure that the metal clip is on the same side as the metal solder pad of led strip.

Meanwhile, make sure both ends are closely connected. Press the metal clip down with the appropriate force using pliers to ensure that the metal clip is inserted into the appropriate position, and connection completed.

Matters needing attention

3M Adhesive

3M glue ensures that it adheres to the lamp belt.

If you need to tear up the LED tape again, 3M glue ensures that it adheres to the lamp belt, otherwise it will Damage LED tape.

When install the led strip, please note the installation technique. The led strip can be bent, but not distorted, as shown below.

Distortion (Wrong)

LED strips are low voltage products, you must use the power supply (transformer). Please do not connect the led strip directly to the AC 110v or AC 220v, otherwise it will burn out the LED strips.

Clean up the installation surface; it will ensure the reliability of the adhesive. The electrical connection process must be operated by a professional person.
COB led strip can be folded in 180 degrees without damaging the light strip. It is very flexible to use.

It has better tenacity. Can be arbitrary bend.

Light Distribution Curve

Lux-Distance Curve

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distances.
Outline Dimension (unit:mm)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>500</td>
</tr>
</tbody>
</table>

Connection

NOTES
1. Please apply different IP rate products according to different environment conditions;
2. Only install with Class 2 power unit;
3. Do not install it when power is on. Before powering on, please make sure the wiring is correct;
4. Avoiding damaging the circuit or other component on the strip;
5. Avoid dragging, do not over bending during installation;
6. In order to get the best lighting effect, please do not connect overlong;
7. Please do not stare at the light for a long time when it is working to protect your eyes;
8. Installation required by a qualified electrician;
9. Supply cable – R/C (AVLV2/8), external use style, rated minimum 300 V, 80 °C, minimum 22 AWG.

Product packaging

<table>
<thead>
<tr>
<th>Product number</th>
<th>Standard length</th>
<th>Quantity / volume</th>
<th>outer carton size</th>
<th>Weight(kg)/reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>S010576ZC2SZ</td>
<td></td>
<td>5M</td>
<td></td>
<td>0.13kg</td>
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